From The Prez
Toby, WJ8O

November Meeting Program

CARS member Dr. Linus Vaitkus MD, KE8KOJ, and renowned pulmonologist will give a presentation at our November meeting on what we should know about COVID-19, RSV, the Flu, and the Flu vaccine. RSV is respiratory syncytial virus, a common contagious virus that usually causes mild symptoms. However in older adults and adults with certain conditions, RSV can cause severe infections.

The good doctor spoke at a previous meeting on COVID-19. Those who were fortunate enough to attend gained knowledge of the virus from a physician treating it on a daily basis. Dr. Vaitkus cut through many of the misconceptions people had from what they heard from various sources. He kept us captivated with excellent graphics and doses of his distinctive humor.

Holiday Party

This year's holiday party will begin at 6:00 PM, Saturday December 9th, at the legendary Wagon Wheel Pub, located in Parma Heights at the corner of Snow and Pearl Roads. As always, the party is open to all CARS members, their families, and friends. Mark your calendars for Saturday, December 9th. Details will be updated on the CARS website and the weekly club nets.

Christmas party committee members Mark, WJ8WM, and Arp, K8ARP, searched the area to locate a suitable venue encountering enormous post pandemic policy changes by restaurants. Hats off to the guys for finding what promises to be an excellent place.

The restaurant caters the food, so please contact me if you plan on attending for us to order appropriate quantities.

Christmas Parade

We still need a couple more CARS members to help out with the Seven Hills Christmas Parade Saturday, December 2nd. We will meet at the Moose Lodge, 7010 Broadview Rd. at 9:00 AM assisting participants and providing radio communications. Bring an HT, dress warm, and contact me if you can help.

Annual Elections

We will hold our annual election for CARS officers and even year Executive Board members at the November monthly meeting.

We invite all members to consider nominating qualified candidates for all positions. We always offer the choice for any member to self-nominate himself or herself as well; no need to feel modest, we always can use the assistance.

Next CARS VE Session

The next VE testing session will be held Sunday, November 12th, at **9:15 AM*** at the Old Elmwood Recreation Center, 6200 Pete Wisniesky Parkway, Independence 44131. Directions and a map are on the CARS website homepage. For information or an appointment please contact Metro, W8MET, at 216-520-1320 or metro351@sbcglobal.net

As always, walk-ins are welcome.

***Please note time change to 9:15 AM.**

WT8O called the meeting to order, and the club pledged allegiance to the flag.

October Meeting Minutes

LOCATION - The meeting was held on October 10th, 2023, at the Busch Funeral Home on Ridge Road in Parma, Ohio

CALLED TO ORDER - The meeting was called to order by President Toby Kolman, WT8O, at 7:30 PM

PLEDGE OF ALLEGIANCE - Those present pledged allegiance to the flag of the United States of America.

INTRODUCTIONS - Those present introduced themselves. The meeting had 15 attendees.

SEPTEMBER MINUTES - The September minutes were approved as published in the *Wobbly Oscillator (WO)*.

TREASURER'S REPORT - Bob Check, W8GC, sent an update on the club's financial situation, which Toby Kolman, WT8O, presented. No issues or concerns were identified.

PRESIDENT'S REPORT - Toby Kolman, WT8O, reported the following:

- ARRL Great Lakes Director Election. Ballots have been sent out both physically and through email. If you didn't get a ballot, please contact the ARRL.
- Please say a prayer for Vince.
- The Holiday Party Committee Chairman position needs to be filled.
- Planning the Holiday Party at the Brew Garden on Bagley Rd. More details to come at future meetings.
- Net check-ins for 2023 will be posted by the end of this week.
- Thank you all for contributing to the *WO*; suggestions are always welcome on how to improve it.
- Roster accuracy on the website - If you have updates or see errors, let the webmaster know so they can correct them.
- Board meeting coming up at the end of the month on October 26th. Details will be sent to board members.

VICE PRESIDENT'S REPORT - Ron Hollas, K8RJH, reported the following:

- Consider the Value of ARRL Membership!
    - Long Standing, Growing Services, Public Service, Education, Advocacy, and Technology Access Support CARS with your Membership renewal!

- ARRL Advocacy
    - ARLB025 Comment Deadlines Set on Proposed 60 Meter Band Changes
    - A public period is open until October 30, 2023, for radio amateurs to comment on proposed changes to the 60 Meter band. The ARRL is asking all radio amateurs to join it in urging the Federal Communications Commission (FCC) to continue the existing use of the band. ARRL is encouraging expressions of support to the FCC for the current 100 watts ERP power limit (instead of reducing the power limit to 15 watts EIRP) and continuing secondary access to the current channels. Amateur Operation, as proposed, would lose all but one of the five "Channels" that would have a 15kHz bandwidth.
    - Additional information can be found on the ARRL website in the "Regulatory & Advocacy" section.
- ARRL Magazines
    - Be sure to contact ARRL Member Services at 1-860-594-0200 if the member wishes to continue receiving QST by mail after January 1, 2024. Check out the ARRL website for additional information and pricing.
- Latest ARRL Podcast - September/October 2023 issue, "Foxhunting Basics," is a popular download. Rob Zielfelder, N1NUG, explains how to get started with a couple of handheld radios and a directional antenna that you can make from inexpensive hardware store materials.
- ARRL Audio News – For the latest in Amateur Radio News and Developments, Available and posted weekly every Friday.

SECRETARY'S REPORT - Alternate Secretary Matt Neely, NU8H, has nothing to report.

PUBLIC SERVICE - Chuck, K8CVM, shared the following upcoming events need volunteers:
- The Simulated Emergency Test (SET) was on Saturday, October 7th; thank you to everyone who checked in!
- Making Strides of Northeast Ohio on October 21st still needs volunteers from 10:00 AM to 2 PM.
    - Visit https://n8esg.org/ for more details.

VE UPDATE - Metro, W8MET, reported that during the last test session, one person got their Technician license, and two people upgraded from Technician to General. The next VE session is Sunday, November 12th, at 9:15 AM.

PROGRAM COMMITTEE - Joe, KD8BAL, reported that
- For today's program, Foster Brown (alias Digger Gallagher the Canaler) will provide a living history presentation of the Canal Era through song, story, and audience participation. Digger actively teaches listeners about the daily life of the canalers, from digging the ditch to working on the canal boat. Digger will artfully take you on a journey into a part of Ohio's past. From the Brecksville Nature, Foster Brown is a Historical Interpreter and Naturalist.
- For November's program, Dr Linas Vaitkus will talk about all the things we should know about Covid 19, RSV, and the Flu and vaccines.
- January's program will be on the solar eclipse and how ham radio can help with ionospheric experiments during the eclipse.

TECH COMMITTEE - Scott, AC8NW, no update

REFRESHMENTS - Toby, WT8O, thanked Ron, K8RJH, for soft drinks and water, Matt, NU8H, for doughnuts, and John, NU8Y, for coffee.

Old buddies Metro, W8MET, and Dave, WD8IOU, share a laugh before the meeting.

OLD BUSINESS - Toby, WT8O, led a discussion on the following:
- 10 Meter (HF) net - no updates right now. If anyone wants to help, let us know.

- *WO* print version may be available at a cost to the members who want it; we're still working on plans for this.
- New badge design - If you have ideas, let Toby, WT8O, know
- CARS clothing is available on our website (https://2cars.org/)
- In-field events, looking at options. Potentially winter field day.

Andy, KD8SCV, verifies Ron's, K8RJH, winning 50/50 ticket.

Foster Brown, alias Digger Gallagher, captivated the CARS members.

NEW BUSINESS - Toby, WT8O, led a discussion on the following:

- Nominations for the election next month. The following candidates were nominated and seconded, so will appear on the ballot next month:
  - Secretary: Matt Neely, NU8H
  - Treasurer: Matt Perlman, KE8OZU
  - Vice President: Ron Hollas, K8RJH
  - President: Toby Kolman, WT8O, and Mark Rosewicz, KC8ESG
  - Officers and Even Year Board Members: Mark, WJ8WM, Scott, AC8NW and John Dernar, Jr, NU8Y

NEXT MEETING - The next meeting of The Cuyahoga Amateur Radio Society will be at the Busch Funeral Home on Ridge Road in Parma, Ohio.

50/50 Drawing - Ron, K8RJH, won the 50/50 drawing and donated his winnings back to CARS.

ADJOURNMENT - Toby, WT8O, adjourned the meeting.

Submitted by Matt Neely, NU8H, CARS Alternate Secretary

Digger Gallagher the Canaler battled harsh weather, vipers, sickness, and exhaustion hand digging the Ohio & Erie Canal.

Digger's props.

The multi-talented Foster Brown entertained the group playing the guitar and banjo while singing and storytelling with an Irish brogue.

Behind the Scenes at SET 2023

Ron, K8RJH

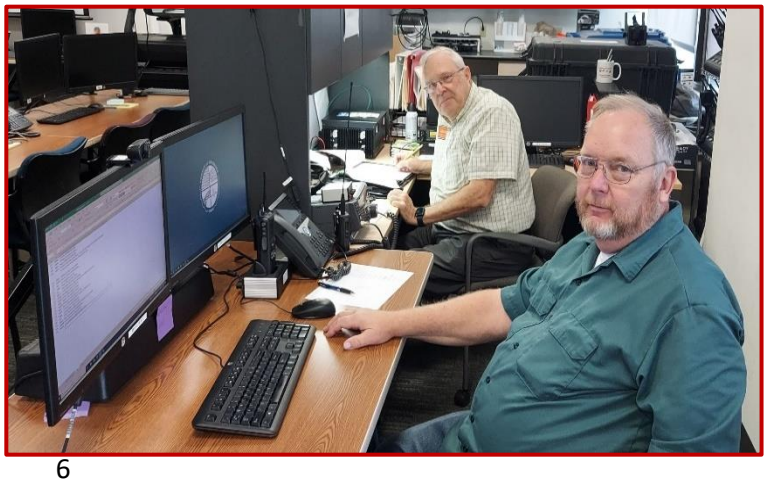
On the weekend of October 7, 2023, a unique national training exercise was held demonstrating the emergency communications capabilities available for the local, state, and national government agencies using Amateur Radio volunteers. This annual exercise is known as the “SET” - Simulated Emergency Training, with the ARRL being one of the national stakeholders with Federal Emergency Management Agency (FEMA). The primary purpose of SET for amateur radio includes evaluating strengths and weaknesses in emergency preparedness while demonstrating amateur radio capabilities to the public. This training exercise involves the Amateur Radio Emergency Service (ARES) and the National Traffic System (NTS), a message-handling service of amateur radio.

This infrastructure is set up within a few hours at locations that vary from state and local government Emergency Operations Centers to isolated areas without utilities of any kind. Nationally every mode of radio communication is utilized including analog, digital, voice, data, simplex, duplex, satellites, and even automated relay stations launched on aircraft and with weather balloons. For no more than 48 continuous hours, this nationwide radio communications network is exercised with the primary objective of proving the system's readiness and capabilities. Then as quickly as it was set up, the system is dismantled and stored in preparation for when it is needed. This amateur radio capability has demonstrated its value time after time during earthquakes, hurricanes, forest fires, terrorist attacks and other major events affecting public safety.

In this year’s SET for Cuyahoga County; the simulated emergency was a train derailment chemical spill that affected a highly populated suburban area which spanned across several local jurisdictions. There were 20 local amateurs radio operators that responded to this SET exercise, which included five CARS members; K8ARP, N8UZF, KE8WNP, K8CVM, and K8RJH. The actual on-air exercise included the practice of net operations and message traffic handling with all participants. These included simulated situational awareness reports and resource needs messaging to safety agency and county officials.

From this exercise, Amateur operators, along with their equipment, have demonstrated the capability of being an important resource that integrates well into local and national emergency communications plans.

For more information on participating in the 2024 SET or volunteering for scheduled local public service events, visit www.N8ESG.org



The October 7, 2023 SET exercise was managed from the Amateur Radio position of the Cuyahoga Emergency Operations Center.

Chuck, K8CVM, logging the radio traffic and directing real-time messaging (foreground) supporting Carl, KB8VXE, (photo center) who is the SET net control while managing several radio channels in this training exercise.

The Cuyahoga EOC is a communications hub for interfacing with other regional agencies, county, and state, for resource requests and situational awareness reports. The traffic format does use the ICS (Incident Command Structure) messaging forms for all communication.

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CARS Repeaters

146.820 (-) PL Tone 110.9

Analog Repeater

Main Site – Brecksville

Receive Only Site – Brunswick

Receive Only Site – Shaker Hts.

Allstar Node 47067

EchoLink Node 343470 (K8ZFR-R)

WIRES X Node 91242 Room 01242

****

443.825 (+) PL Tone 131.8

Digital Yaesu Fusion

Linked to 146.820 Repeater

Brecksville

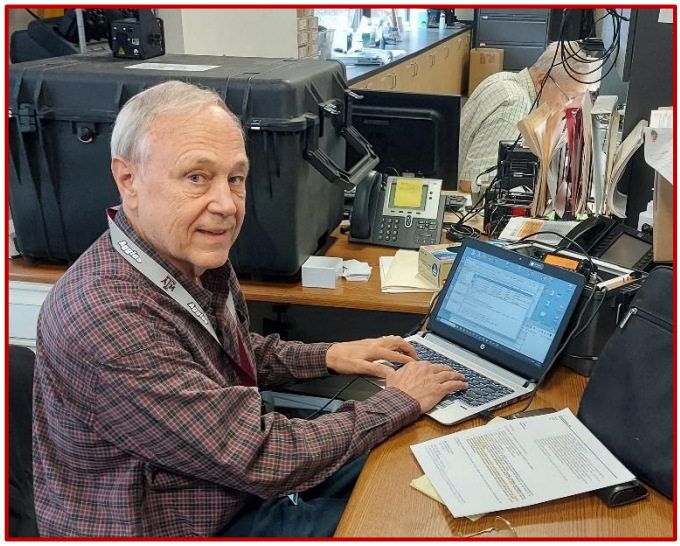
****

444.75 (+) PL Tone 131.8

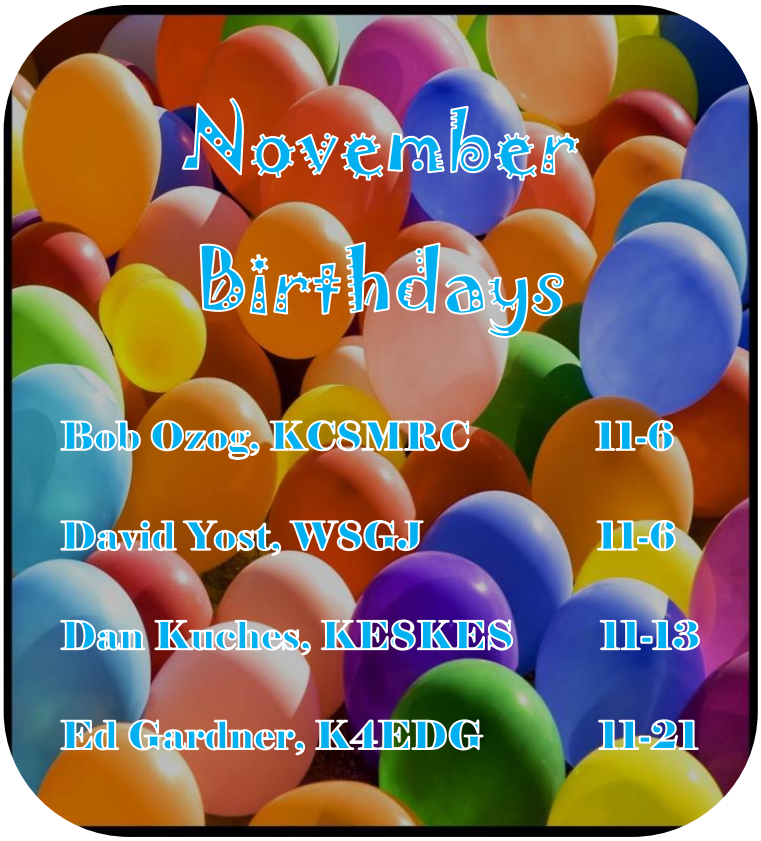
Analog Repeater

Not Linked to Other Repeaters

Shaker Hts.



Ron, K8RJH, is preparing a status update to the ARES Region 10 officers and the State EOC managers in Columbus using Amateur Radio Winlink communications. The Winlink program contains many of the ICS message templates used in the National Traffic System and FEMA



CARS Board of Directors Meeting
October 26, 2023

LOCATION — Brew Garden Restaurant on Bagley Road in Middleburg Heights, Ohio

MEMBERS IN ATTENDANCE — Mark Moro, WJ8WM, Board Chairman; Arp Viiberg, K8ARP; Ron Hollas, K8RJH; Toby Kolman, WT8O; Bob Robbins, K8RGI; Eddie Stevens, KD8FTS; Scott Smith, AC8NW; Matt Perlman, KE8OZU

CALLED TO ORDER — The meeting was called to order by Board Chairman Mark Moro, WJ8WM, at 7:09 PM. Mark thanked those in attendance for participating in the sixth board meeting of 2023.

MOTION — Arp, K8ARP, motioned, Bob, K8RGI, seconded and the Board unanimously approved the following:

- Effective January 1, 2024, the Club will obtain a debit card.

MOTION — Eddie, KD8FTS, motioned and Bob, K8RGI, seconded the following:

- Board meetings should follow a bi-monthly Schedule.

The Board discussed this motion, including the requirement for only three board meetings per year, the independence of the Chairman to set the schedule for Board meetings and how to handle urgent items. After the discussion, Eddie amended the motion, Bob seconded, and the Board unanimously approved the following:

- Within 30 days of election, the Chairman
- of the Board will determine the tentative
- Board meeting schedule for the upcoming year

MOTION — Mark, WJ8WM, motioned, Eddie, KD8FTS,seconded and the Board unanimously approved the following:

- The Club will re-establish a PO Box

MOTION — Toby, WT8O, motioned, Mark, WJ8WM, seconded and the Board unanimously approved the following:

- Starting in 2024, the CARS scholarship will increase to $1,000 per recipient.

DISCUSSION — The Board discussed the following items:

- Distribution of printed copies of the *WO*
- Distribution of printed copies of the *WO*
  - Very few Club members are interested in receiving a paper copy of the *WO*. Those who are interested are encouraged to print the *WO* themselves.
  - The Board agreed that paper copies of the *WO* have value for community outreach. Potential areas for distribution include local city halls and the county EOC. Other CARS marketing material may be included with *WO* distribution.
  - Ron, K8RJH, will obtain a quote for a Club printer that could be used for creating paper copies of the *WO*
  - Ron will deliver copies of the November 2023 *WO* to some identified outreach locations
  - Adding a QR code to the newsletter may help generate additional interest in CARS
- The badges need an updated design. Toby, WT8O, will bring new design options to the November 2023 Club meeting. Toby will also check if CARS lanyards are available.
- Hamvention Bus
  - There will be no change to the bus plan for 2024.
  - Starting in 2025, the method for reserving a seat may change to be donation based.
- Debit card
  - The debit card will be used for large purchases, like Field Day and the Summer Picnic.
  - The Club bank account interest rate requires a certain number of checks to be written. The Treasurer will make sure use of the debit card does not reduce the interest income CARS receives.
- Board Meeting schedule
  - The Board Meeting schedule will be announced at the February Club meeting each year.
  - The Board Meeting schedule will be published in the
  - *WO* and on the Club website.
  - All Club members are welcome to attend Board Meetings.
  - Urgent items may be handled outside of the scheduled meetings, potentially via email or teleconferences.
- The Club PO box expired in January 2022
- CARS will have a booth at the 2024 Seven Hills Home Days event. Future meetings will identify ways to promote this event.

ADJOURNMENT — Mark, WJ8WM, adjourned the meeting at 8:48 PM and thanked those who attended.

Submitted by Matt Perlman, KE8OZU, CARS Secretary

November Net Sked

Nov	1	AC8NW
Nov	8	AC8TN
Nov	15	WT8O
Nov	22	K8RJH
Nov	29	KD8ACO

Nets are run every Wednesday at 9:00 PM on:

146.820 (PL 110.9)

443.825(+) PL Tone 131.8
Digital Yaesu Fusion / C4FM
Linked to the 146.82 Repeater

EchoLink Node 343470 (K8ZFR-R)

Allstar Node 47067

WIRES X Node 91242-Room 01242

Saving the Planet with HAM RADIO
John, NV8Y

One day this past summer when I was taking our trash out to the dumpster, I noticed that someone had left a twin sized metal bed frame right on the ground next to the dumpster. How rude! We keep telling residents to break down their cardboard boxes and to not leave anything laying around. The trash man does not get out of his truck. So, if he can't get to the dumpster, he leaves it for us to deal with until the next week.

I am a responsible kind of guy, so I loosened the two thumb screws, folded up the bed frame and put it into my car. Some people would look at this situation and see the bed frame as a worthless piece of junk. But to me the frame was actually a good find, and an excellent source of free raw material. I have purchased many used bed frames over the years from Goodwill, Habitat, and even from garage sales. They currently sell for about $10 to $15. Just think of all the radio and antenna related things you can fashion together with angle iron. I use angle iron on all of my radio projects!

Anyhow, I took the frame home and cut it apart with my angle grinder. This particular twin bed frame was made out of 1-1/2 inch steel angle and yielded me two pieces 5-1/2 ft. long and four pieces 2-1/2 ft. long. Some of the bigger bed frames are actually made of 2 inch angle and have either four or five pieces 5-1/2 ft. long. And for the record, a piece of 1-1/2 inch x 6 ft. steel angle at Lowe's is $34.

As long as you are not too proud to recycle someone's junk, you now know a trick for getting some really cheap raw material for your radio projects.

And... your interest in HAM RADIO will ultimately help to save the planet.

John proved once again – "One man's junk is another man's treasure."

December Net Sked

Dec	6	AC8NW
Dec	13	AC8TN
Dec	20	WT8O
Dec	27	K8RJH

Nets are run every Wednesday at 9:00 PM on:

146.820 (PL 110.9)

443.825(+) PL Tone 131.8
Digital Yaesu Fusion / C4FM
Linked to the 146.82 Repeater

EchoLink Node 343470 (K8ZFR-R)

Allstar Node 47067

WIRES X Node 91242-Room 01242

Grinding and cutting the frame apart.

Nice clean pieces cut to length and ready for use.

The final result - a sturdy bracket constructed for pennies on the dollar of store bought material.

Dues Notice
Bob, W8GC

Your 2024 CARS dues are payable on or before January 31, 2024. If you have already paid THANK YOU.

Dues can be paid in two ways:

You can also mail a check to:

CARS
7395 Brecksville Rd.
Independence, OH 44131

Pay in person at any CARS meeting.

Dues are $26.00 per year for regular membership. Each additional family member is $16.00. If you are 60 yrs. or older, your dues are only $18.00 per year.

CARS will offer assistance to anyone having a hardship.

Please let me know if you have a hardship or know a member who needs help.

Honorary Members

Any person who by nature of outstanding or meritorious contribution to the furtherance of amateur radio and the ideals of the Cuyahoga Amateur Radio Society

Robert Check, W8GC
Elected 2/10/15

Thomas Wayne, WB8N
Elected 1/10/17

Dwaine Modock, K8ME, SK
Elected 5/9/17

Toby Kolman, WT8O
Elected 10/10/17

Jerry Smith, NW9H
Elected 5/8/18

Ron Borkey, K8VJG, SK
Elected 5/14/19

Ed Stevens, WB8ROK, SK
Elected 8/10/21

One of the local Jamboree On The Air sites was held at the Beaumont Scout Reservation in Rock Creek, Ohio.

The Annual Jamboree on the Air / Jamboree on the Internet is held in late October. The "Air" references Amateur Radio and the "Internet" refers to any Chat application using networking. A MMDVM Hotspot connected to DMR Chat Rooms for JOTI was used to easily connect worldwide during this 3 day event.

Participating with Jamboree on the Air 2023

Ron, K8RJH

Jamboree on the Air (JOTA) is popular annual event in which Scouts all over the world connect with each other by means of amateur radio and even through internet chat. This is an opportunity to experience the excitement of using short-wave radio signals carrying their voices virtually to any corner of the world with a quick conversation to another Scout. This use of amateur radio offers an extra educational dimension for Scouts.

One of the locations hosting this year's JOTA was the Beaumont Scout Reservation in Rock Creek, Ohio on Saturday, October 20. The organizers included members of the Hope Amateur Radio Team who arranged three amateur portable stations operating voice, digital and CW capabilities for the attending scouts. The HF Bands were quite active allowing generous contacts made by the Scouts supervised by experienced local ham operators.

Ron, K8RJH, set up a CW demonstration table that created a lot of interest. Using a straight key and an optional paddle keyer. The scouts could try their new Morse Code skills using a "CW Decoder" program installed on a laptop. It ended up being a lot of fun for both Scouts and adults.

Jamboree on the Air met its goal to offer scouts and young people of all ages to learn about communications technology, the values of global citizenship, and our role in creating a better world through new experiences.

Currently the "CW Decoder" program is available as freeware at https://cw-decoder.software.informer.com/

Two CW training stations were set up for Scouts to try their skills in sending code and the computer to decode the message! As it was a popular table, there was a waiting period for a position to be available.

Matt, W8DEC, is the control operator at this 40 meter JOTA station operating as W8TEN. All the Scouts that made an Amateur Radio contact were issued a "First Radio Contact" Certificate. This Scout just completed a JOTA QSO to the East Coast.

Ron, K8RJH, guides first time CW Scouts in the basics of Morse Code.

Jacqueline, N8JMW, and her sons point to the coveted Radio Merit Badge both Scouts are now working to achieve. That merit badge was awarded to Ron, K8RJH, over 55 years ago!

Several Scouts wanted to try a CW Paddle. After a few short minutes, they became surprisingly good at sending!

The *Wobbly Oscillator* is a publication of the Cuyahoga Amateur Radio Society. Articles from this publication may be reprinted in any ham radio publication, if credit is given to this publication and the author, if known.
All submissions should be emailed to: Toby Kolman, WT8O at wt8o@att.net

CARS 2023 Officers, Committees and Board Members

Committees

Audit
Chair: K8RJH
Members: WT8O, KD8FTS

ARRL Liaison
Chair: K8RJH

Christmas Party, Summer Picnic
Chair: WT8O
Members: K8ARP, WJ8WM

Fund Raising
Chair: W8GC
Members: K8RJH, KE8OZU, WA8GCR

Historian
Chair: WT8O

License Classes
Chair: KD8ACO
Members: K8SHB, WT8O

Membership
Chair: WT8O
Member: W8GC

Audio/Video
Chair: AC8NW

Awards
Co-Chairs: W8GC, WT8O

Field Day
Co-Chairs: K8RGI, WT8O
Members: WJ8WM, K8ARP, KD8SCV, AC8TN, AC8NW, K8RJH

Hamvention Bus
Chair: KD8FTS
Member: WT8O

50/50
Chair: KD8SCV

Media Representative
Chair: KD8SCV

NET
Chair: WT8O
Members: KD8ACO, AC8NW, AC8TN, K8RJH

Newsletter
Chair: WT8O

Programs at Meetings
Chair: KD8BAL
Members: KD8FTS, KE8OZU

Property Custodians
Members: KB8DTC records, W8GC donations to sell, WT8O Quartermaster

Public Service
Chair: KD8FTS
Member: K8ARP

QSL Manager - W8BM
Chair: W8MET

Refreshments
Co-Chairs: K8RJH pop, NU8H donuts, NU8Y coffee

Scholarship
Chair: W8GC
Members: K8RGI, KE8OZU, K8RJH, WT8O

Sunshine (Welfare)
Chair: KD8SCV

Technical
Chair: AC8NW
Members: WJ8WM, N8OVW, KD8ACO, K8RJH, KB8DTC, KC8ESG

VE Exams
Chair: W8MET

Web Master/email
Chair: W8GC
Member: KE8OZU

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440-525-6109
wt8o@att.net

Vice-President
Ron Hollas, K8RJH
216-379-7440
ron@hollas.co

Secretary
Matt Perlman, KE8OZU
216-337-1540
matt@seagem.me
Alternate : Matt Neely, NU8H

Treasurer
Bob Check, W8GC
216-524-1750
w8gc@breezelineohio.net
Alternate : Matt Perlman, KE8OZU

Board Members

Board members serve two year terms

Board Chair

Mark Moro, WJ8WM
216-498-2871
Alternare Chair: Arp Viiberg, K8ARP

Even Year Executive Board

Members: WJ8WM, KB8DTC, AC8NW

Odd Year Executive Board

Members: K8RGI, K8ARP, KD8FTS

Trustees

K8ZFR Trustee

WT8O

W8BM, W8HBI Trustee

W8GC

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